

15. References

This Reference section provides a listing of applicable references, including LLNL manuals and guidance documents, DOE Orders, federal and state regulations, industrial and government standards, government and industrial guidelines, and waste acceptance criteria which apply to the HMPT Safety Program. In each instance, reference is made to the latest edition.

LLNL Procedures Manuals and Planning Documents

- Hirabayashi, J. *Guidelines for Waste Accumulation Areas*. In *Environmental Protection Handbook*. Lawrence Livermore National Laboratory, Livermore, CA, UCAR-10192, Rev. 1.
- Lawrence Livermore National Laboratory. *Criteria and Procedures for the Certification of Non-Radioactive Hazardous Wastes*. Lawrence Livermore National Laboratory, Livermore, CA.
- Lawrence Livermore National Laboratory. *Environmental Compliance Manual*. Lawrence Livermore National Laboratory, Livermore, CA, UCRL-MA-118090.
- Lawrence Livermore National Laboratory. *Environmental Protection Handbook*. Lawrence Livermore National Laboratory, Livermore, CA.
- Lawrence Livermore National Laboratory. *Hazardous Waste Management Quality Assurance Plan*. Lawrence Livermore National Laboratory, Livermore, CA, M-078-92.
- Lawrence Livermore National Laboratory. *LLNL Emergency Preparedness Plan*. Lawrence Livermore National Laboratory, Livermore, CA, February, M-014, Rev. 3.
- Lawrence Livermore National Laboratory. *LLNL Health and Safety Manual*. Lawrence Livermore National Laboratory, Livermore, CA, M-010-90.
- Lawrence Livermore National Laboratory. *LLNL Quality Assurance Program for Hazardous Material Packaging and Transportation*, Supplement 1. Lawrence Livermore National Laboratory, Livermore, CA, M-078 and Supplement 1.
- Lawrence Livermore National Laboratory. *Materials Control and Accountability Manual*. Lawrence Livermore National Laboratory, Livermore, CA.
- Lawrence Livermore National Laboratory. *Materials Distribution Quality Assurance Plan for Hazardous Material Packaging and Transportation*. Lawrence Livermore National Laboratory, Livermore, CA, M-078-93.
- Lawrence Livermore National Laboratory. *Materials Management Division Sealed Source Program and Procedures Manual*. Lawrence Livermore National Laboratory, Livermore, CA.
- Lawrence Livermore National Laboratory. *Materials Management Quality Assurance Plan for Hazardous Material Packaging and Transportation*. Lawrence Livermore National Laboratory, Livermore, CA, M-078-91.

Lawrence Livermore National Laboratory. *Nuclear Material Control and Accountability Program Manual*. Volumes I through VII. Lawrence Livermore National Laboratory, Livermore, CA.

Lawrence Livermore National Laboratory. *Preparation Guide for Generators of Hazardous Chemicals, and Radioactive Waste at LLNL*. Lawrence Livermore National Laboratory, Livermore, CA.

LLNL Operational Safety Procedures and Facility Safety Procedures

Facility Safety Procedure (FSP) for Buildings 231 Vault, 232 Fenced Compound, 233, 234 General Operations, FSP-233.

Contains facility safety procedures for Materials Management Division facilities. FSP 233, Appendix D, is a procedure for loading and transportation of explosives at the Main Site.

Lawrence Livermore National Laboratory. *Hazardous Waste Management Division Operational Procedures*. Lawrence Livermore National Laboratory, Livermore, CA.

Lawrence Livermore National Laboratory. Hazardous Waste Management Division. *Hazardous Waste Management Division Facility Safety Procedures (FSP)*. Lawrence Livermore National Laboratory, Livermore, CA.

Lawrence Livermore National Laboratory. Hazardous Waste Management Division. *Hazardous Waste Management Division Operational Safety Procedures (OSP)*. Lawrence Livermore National Laboratory, Livermore, CA.

Lawrence Livermore National Laboratory. *Site 300 Safety and Operational Manual*. Lawrence Livermore National Laboratory, Livermore, CA.

Lawrence Livermore National Laboratory. *Supply and Distribution Department Procedures Manual*. Volumes 2 through 4. Lawrence Livermore National Laboratory, Livermore, CA.

LLNL Committee Charters

Environment, Safety, & Health /Quality Assurance Council Charter

Describes the charter of the ES&H/QA Council.

Environment, Safety, & Health /Quality Assurance Working Group Charter

Describes the charter of the ES&H/QA Working Group.

HMPT Safety Committee Charter

Describes the charter of the Hazardous Material Packaging and Transportation Safety Committee.

Relevant LLNL Reports

LLNL Report on Administrations and Operations Employee Handling, Transportation, and Storage of High Explosive Materials.

Reports on findings from an explosives subcommittee on explosives operations within the Plant Operations Directorate.

Preliminary Hazards Analysis for the Materials Management Facilities

Documents the analyses used to determine hazards classifications for Materials Management Division facilities.

Safety Analysis Document for the Hazardous Waste Management Facilities

Documents the analyses used to determine hazards and risks for operation of Hazardous Waste Management Division facilities.

Applicable Government Orders, Standards, and Guidelines

American National Standards Institute. N14.5. Leakage Tests on Packages for Shipment of Radioactive Materials

American National Standards Institute. NQA-1. Quality Assurance

California Code of Regulations, Title 22, Articles 9 and 11 (22 CCR 9 and 11).

California Code of Regulations, Title 22, Hazardous Wastes and Hazardous Materials (22 CCR).

Code of Federal Regulations, Title 10, NRC Guidelines (10 CFR 71).

Code of Federal Regulations, Title 29, OSHA Regulations and Health Hazards Communication (29 CFR).

Code of Federal Regulations, Title 40, Part 761, EPA Regulations/TOSCA (40 CFR 761).

Code of Federal Regulations, Title 40, Parts 260-265, Environmental Protection Act Regulations/Resource Conservation and Recovery Act (40 CFR 260-265).

Code of Federal Regulations, Title 48, U.S. Department of Energy Contractual Provisions, (48 CFR).

Code of Federal Regulations, Title 49, Parts 100-199, U.S. Department of Transportation Regulations (49 CFR 100-199).

International Atomic Energy Agency Safety Series No. 6, *Regulations for the Safe Transport of Radioactive Material.*

MLM 3245, Monsanto Spec 7A Container Certification Document.

Nevada Test Site Defense Waste Acceptance Criteria, Certification, and Transfer Requirements. NVO-325,

Nuclear Regulatory Commission (NRC) Regulatory Guide 7.10

TRU Waste Acceptance Criteria for Certification of TRU Waste for Shipment to WIPP, WIPP-DOE-069.

TRU Waste Certification Compliance Requirements of Newly Generated Contact-Handled Wastes to be Shipped to the WIPP. WIPP-DOE-114.

U.S. Department of Energy (DOE). 1995. Order 232.1, *Occurrence Reporting and Processing of Operations Information*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). *Explosive Safety Manual*. U.S. Department of Energy, Washington, D.C., DOE/EV/06194-3.

U.S. Department of Energy (DOE). Order 1540.1, *Materials Transportation and Traffic Management*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 1540.2, *Hazardous Material Packaging for Transportation Administration Procedures*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 3790.1A, *Federal Occupational Safety and Health Administration*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 3791.2A, *Federal Employee Motor Vehicle Safety Program*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 5400.3, *Hazardous and Radioactive Mixed Waste Program*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 5480.1B, *Environmental, Safety, and Health Programs for DOE Operations*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 5480.11. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 5480.16, *Firearms Safety*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 5480.2, *Hazardous and Radioactive Mixed Waste Management*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 5480.3, *Safety Requirements for Packaging and Transportation of Hazardous Material*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 5480.4, *Environmental Protection, Safety, and Health Protection Standards*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 5480.5, *Safety of Nuclear Facilities*. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). Order 5482.1B, *Environmental, Safety, and Health Appraisal Program*. U.S. Department of Energy, Washington, D.C.

- U.S. Department of Energy (DOE). Order 5484.1, *Environmental Protection, Safety, and Health Protection Information Reporting Requirements*. U.S. Department of Energy, Washington, D.C.
- U.S. Department of Energy (DOE). Order 5500.1A, *Emergency Management System*. U.S. Department of Energy, Washington, D.C.
- U.S. Department of Energy (DOE). Order 5500.2A, *Emergency Notification, Reporting, and Response Levels*. U.S. Department of Energy, Washington, D.C.
- U.S. Department of Energy (DOE). Order 5610.12, *Packaging and Offsite Transportation of Nuclear Components and Special Assemblies Associated with the Nuclear Explosive and Weapon Safety Program*. U.S. Department of Energy, Washington, D.C.
- U.S. Department of Energy (DOE). Order 5633.3B. U.S. Department of Energy, Washington, D.C.
- U.S. Department of Energy (DOE). Order 5700.6C, *Quality Assurance*. U.S. Department of Energy, Washington, D.C.
- U.S. Department of Energy (DOE). Order 5820.2A, *Radioactive Waste Management*. U.S. Department of Energy, Washington, D.C.

